

General Information

[Delridge Natural Drainage Systems Project Website](#)

Project Management Contact:

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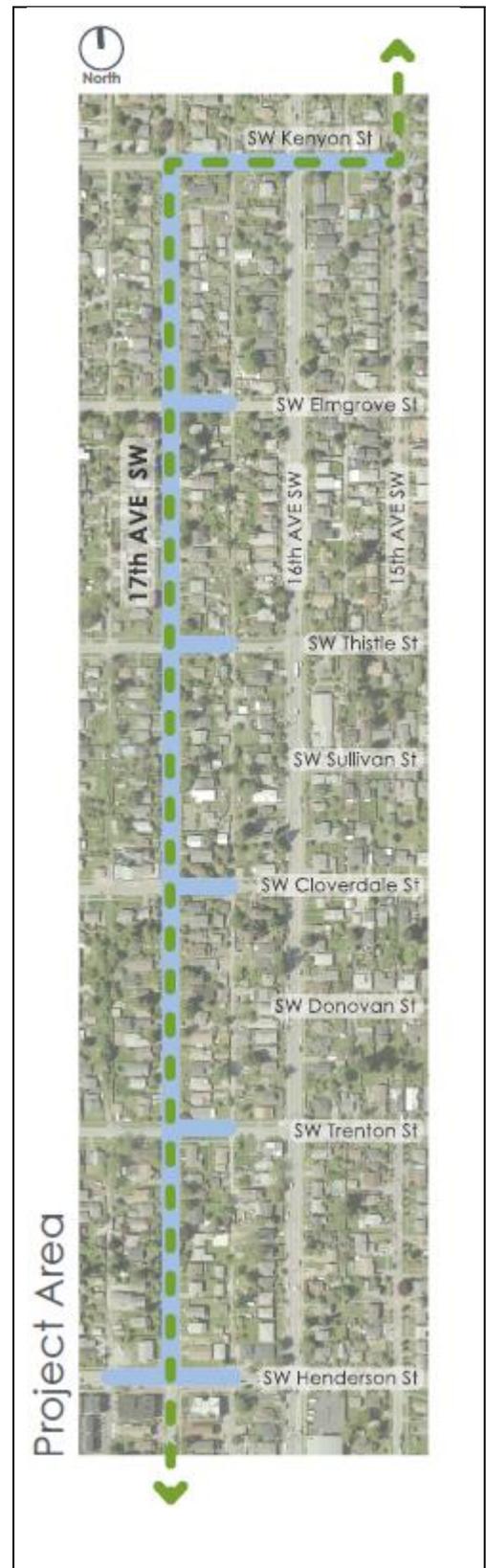
Please direct any project inquiries to the project contact in writing.

Background

SPU is planning to construct a natural drainage systems project along several blocks of 17th Avenue SW in the South Delridge neighborhood. These natural drainage systems will be located within the existing planting strips and along the Seattle Department of Transportation (SDOT) proposed neighborhood greenway. By co-locating natural drainage systems projects along neighborhood greenways, the city is creating streets that manage stormwater well and provide safe and comfortable features for people of varying ages and abilities to walk, ride bikes, and get around more safely. This project will remove stormwater from combined sewer systems, and in concert with other SPU projects in this area, help to eliminate combined sewer overflows (CSOs) into Longfellow Creek. Applying green stormwater infrastructure technologies in this basin also helps to recharge Longfellow Creek.

Project Scope

- Build a natural drainage system for multiple blocks in the South Delridge neighborhood to capture, slow and clean roadway runoff.
- Infiltrate cleaned runoff into the advance outwash strata through a designed system of bioretention and biofiltration swale cells with underdrains, conveyance pipes, and discharging through pit drains, drilled drains and potentially underground injection control wells.
- Swale cells may include concrete side walls, vertical weir walls, side slopes, with landscaping of trees, shrubbery, ground cover and other vegetation.
- Adjacent public improvements may include curb/gutter, curb radii bump-outs, sidewalks, ADA ramps, crosswalk improvements including rapid rectangular flashing beacons, concrete roadway panel reconstruction.



Delridge Natural Drainage System (NDS) Project
(a.k.a. Delridge Roadside Raingardens 2015)

Contracting Opportunities

Schedule of Events	Target Date
Design Complete	June 2015
Construction Bid Advertisement	July 2015
Notice to Proceed	August 2015
Construction Complete	March 2016